

Comunicari orale

1. New generation of membrane systems with visual control of separation process efficiency based on modification of membrane color surface, **7th Asian Conference on Coordination Chemistry - ACCC7**, **Kuala Lumpur, Malaysia, 15-18 October 2019.**
2. Advanced Functional Polymeric Membranes for Biomedical Applications, International Seminar on Biomaterials and Regenerative Medicine, **Craiova, Romania, 26-28 September 2019.**
3. Polysulfone-doped carbon nanotubes composite membranes for the removal of pharmaceutical effluents, 10th International Conference on Environmental Engineering and Management - ICEEM 10, **Iasi, Romania, 18-21 September 2019.**
4. Functionalization of Cellulose Acetate Membranes with Aminopropyl Triethoxy Silane. Synthesis, Characterization and Applications, Romanian International Conference for Chemistry and Chemical Engineering, **Poiana Brasov, Romania, 6-9 September 2017, Keynote Speaker.**
5. Functionalized carbon nanotubes for gas sensors, Meeting on Carbon Nanostructures, **Rome, Italy, 13-17 May 2019, Invited Speaker**
6. Biomedical Applications of Polymeric Membranes, Southwest Jiaotong University, Faculty of Medicine, **Chengdu, China, 02 April 2019, Invited Talk.**
7. Biomedical Applications of Polymeric Membranes, Sichuan University, Centre for Biomaterials, **Chengdu, China, 27 March 2019, Invited Talk.**
8. Polymeric membranes with self-indicator properties for separation efficiency, **11th International Conference on Materials Science & Engineering** Bramat 2019, **Brasov, Romania, 13-16 March 2019.**
9. New method for cellulose acetate membranes covalent functionalization using aminopropyl triethoxy silane as linker, Collaborative Conference on Materials Science and Technology, **Beijing, China, 23-28 September 2018**
10. Reactive Retention Of Tetracycline Onto Functionalized Cellulose Acetate Membranes, MELPRO 2018, **Prague, Czech Republic, 12-17 May 2018**
11. Functionalized cellulose acetate membranes. Synthesis, characterization and applications, ROMAT, **Bucharest, Romania, 16-18 November 2018, Invited Speaker**
12. Functionalized Cellulose Acetate Membranes as Coatings for Biomedical Applications, European Conference on Nanofilms, **Cranfield, United Kingdom, 20-22 March 2018.**
13. Applications of composite membranes with carbon nanotubes in environmental decontamination, Romanian International Conference for Chemistry and Chemical Engineering, **Poiana Brasov, Romania, 6-9 September 2017, Keynote Speaker.**
14. Synthesis and Characterization of Polyetherimide-Doped Carbon Nanotubes With Ruthenium Oxide Or Titanium Dioxide Composite Membranes, International Conference on Composites/Nano Engineering ICCE-25, **Rome, Italy, 16-22 July 2017.**
15. Biomedical applications of polymeric membranes, Technologies for the fabrication and characterization of 3D scaffolds for tissue engineering NoRoTech, **Bucharest, Romania, 8-9 June 2017.**
16. Sonochemical synthesis of doped-carbon nanotubes-composite polymeric membranes as membrane reactors, Frontiers Forum on Nano science and Technology, FFSCI 2017, **Dubrovnik, Croatia, 4-7 May 2017, Invited Speaker.**
17. Composite polymeric membranes with carbon nanotubes, graphenes and silica nanowires. Synthesis, comparison and applications, Engineering with Membranes 2017, **Singapore, Singapore, 26-28 April 2017.**

18. Resveratrol covalent immobilization onto cellulose acetate membranes for improved Osseointegration, **10th International Conference on Materials Science & Engineering** Bramat 2017, Transilvania University of Brasov, [Brasov, Romania](#), 8-11 March 2017.
19. Bioactive compounds covalent immobilization onto cellulose acetate membranes for biomedical applications, 7th International Conference "Biomaterials, Tissue Engineering & Medical Devices" BIOMMEDD 2016, [Constanta, Romania](#), 15-17 September 2016, Invited Speaker.
20. Hybrid organic polymer – carbon nanotubes composite membranes, Synthesis and applications, EMN Smart and Multifunctional Materials, [Berlin, Germany](#), August 2016, Invited Speaker.
21. Hybrid Composite Polymeric Membranes with Carbon Nanotubes for Biomedical Applications, International Conference of 3D Modelling Techniques for BioMedical Engineering (MOBILE 2016), University Politehnica of Bucharest, [Bucharest, Romania](#), 13-14 June 2016, Invited Speaker.
22. Composite polymeric membranes with graphenes. Synthesis, characterization and applications, EMN Meeting on Membranes, [Dubai, United Arab Emirates](#), 5-8 April 2016, Invited Speaker.
23. The influence of filler in composite cellulose acetate membranes for proteins recovery, International Seminar on Biomaterials & Regenerative Medicine BIOREMEDI 2015, on September 17-20, 2015, [Oradea, Romania](#).
24. Cellulose derivatives-based membranes for biomedical applications, 6th International Conference "Biomaterials, Tissue Engineering & Medical Devices" Biommedd 2014, [Constanta, Romania](#), 15-18 September 2014.
25. The use of polysulfone-carbon nanotubes composite membranes in heavy metals removal, Romanian International Conference for Chemistry and Chemical Engineering, [Sinaia, Romania](#), 7-10 September 2011.
26. Polysulfone-carbon nanotubes composite membranes, C. Luca Symposium, Romanian International Conference for Chemistry and Chemical Engineering, [Sinaia, Romania](#), 7-10 September 2011.
27. *Covalent enzyme immobilization onto carbon nanotubes using a membrane reactor*, SPIE Microtechnologies, Nanotechnology section, [Prague, Czech Republic](#), 17-21 April 2011.
28. Polysulfone composite membranes with applications in electronics, XXVII Summer School of the European Membrane Society, [Bucharest, Romania](#), 14-19 June, 2010.
29. Polysulfone composite membranes for biomedical applications, Diaspora in cercetarea stiintifica si invatamantul superior din Romania - "Solutii Durabile la Provocari Emergente in Agricultura-Alimentatie cu Implicatii in Medicina Umana", Institutul National de Stiinte Biologice, 21-24 septembrie 2010, [Bucuresti, Romania](#).
30. Polysulfone membrane reactor for carbon nanotubes functionalization, Network Young Membranes, [Meze, France](#), September 2-4, 2009.
31. Polysulfone-doped polyaniline composite membranes. Synthesis and electrochemical characteristics, International Semiconductors Conference (CAS), [Sinaia, Romania](#), October 11-13, 2008.